

0941.68363

PATENT APPLICATION

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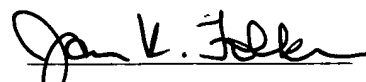
IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Jongill Hong et al.  
Serial No.: 10/664,066  
Conf. No.: 3251  
Filed: 9/16/2003  
For: MAGNETORESISTIVE SPIN-  
VALVE SENSOR AND MAGNETIC  
STORAGE APPARATUS  
Art Unit: 1773  
Examiner: Bernatz, Kevin M.

*I hereby certify that this paper is being deposited with the United States Postal Service as FIRST-CLASS mail in an envelope addressed to: Mail Stop Issue Fee, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on this date.*

July 18, 2006

Date

  
Registration No. 37,538  
Attorney for Applicant(s)

INFORMATION DISCLOSURE STATEMENT

Mail Stop Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

This IDS is being submitted after payment of the Issue Fee, and Applicants respectfully request that this document be placed in the file.

Applicant(s) submit herewith Form PTO-1449 (Information Disclosure Citation) together with a copy of Japanese Publication No. 2000-020922. Applicant(s) respectfully submit that the citation of any reference on Form PTO-1449 does not constitute an admission that the reference qualifies as prior art.

A copy of a Japanese Office Action, mailed June 27, 2006, which cites Japanese Publication No. 2000-020922, is also enclosed.

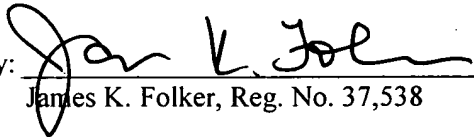
It is requested that the information disclosed on the enclosed Form PTO-1449 be made of record in this application.

Respectfully submitted,

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GREER, BURNS &amp; CRAIN, LTD.

By:

  
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Form PTO-1449 U.S. Department of Commerce  
(Rev. 8-88) Patent and Trademark Office

Attorney Docket No.: 0941.68363

Serial No.: 10/664,066

INFORMATION DISCLOSURE CITATION  
(Use several sheets if necessary)

Applicant: Jongill Hong et al.

Filing Date: September 16, 2003

Group: 1773

## U.S. PATENT DOCUMENTS

| Examiner Initial* | Document Number | Date | Name | Class | Subclass | Filing Date If Appropriate |
|-------------------|-----------------|------|------|-------|----------|----------------------------|
|                   |                 |      |      |       |          |                            |
|                   |                 |      |      |       |          |                            |
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|                   |                 |      |      |       |          |                            |
|                   |                 |      |      |       |          |                            |
|                   |                 |      |      |       |          |                            |

## FOREIGN PATENT DOCUMENTS

|  | Document Number | Date          | Country | Class | Subclass | Translation |    |
|--|-----------------|---------------|---------|-------|----------|-------------|----|
|  |                 |               |         |       |          | Yes         | No |
|  | 2000-020922     | Jan. 21, 2000 | Japan   |       |          | Abs.        |    |
|  |                 |               |         |       |          |             |    |
|  |                 |               |         |       |          |             |    |
|  |                 |               |         |       |          |             |    |
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## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

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Examiner

Date Considered

\*Examiner: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.